Converting Colors

RGB(229, 242, 233)

Have a look what the booklet for RGB(229, 242, 233) contains.

Color

RGB(229, 242, 233)

Conversions

Format	Color
Hex	E5F2E9
RGB	229, 242, 233
RGB Percent	90%, 95%, 91%
CMY	0.1020, 0.0510, 0.0863
CMYK	0.05, 0.00, 0.04, 0.05
HSL	138°, 33%, 92%
HSV	138°, 5%, 95%
XYZ	78.7732, 86.0455, 89.5474
YIQ	237.0870, -4.8590, -5.5550

Conversions Part 1

Conversions

Conversions Part 2

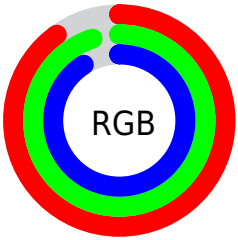
Format	Color
RYB	229, 239, 242
Decimal	15069929
CIELab	94.33, -5.91, 2.85
CIELCh	94, 6.558, 154.285
Yxy	86.0455, 0.3097, 0.3383
Android (android.graphics.Color)	4293260009 (0xFFE5F2E9)
YUV	237.0870, -2.0149, -7.0923
Hunter-Lab	92.7607, -10.7474, 7.6963

Details

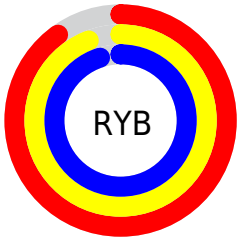
The RGB color 229, 242, 233 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 242, 229, 238, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 174, 186, 177 is the 20% darker color. If you saturate the color by 10%, you get 205, 242, 216, and if you desaturate by 10%, it is 253, 242, 250.

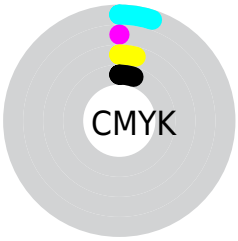
Distribution



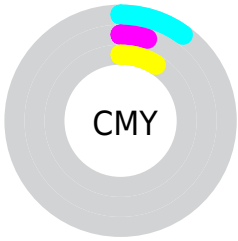
- Red (90%)
- Green (95%)
- Blue (91%)



- Red (90%)
- Yellow (94%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 242, 233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 229, 242, 233 by changing the saturation by 10% instead.

229, 242, 233

255, 255, 255

229, 242, 233

201, 214, 205

174, 186, 177

147, 159, 151

121, 133, 125

96, 108, 100

73, 83, 76

50, 60, 53

29, 39, 32

4, 18, 9

229, 242, 233

205, 242, 216

181, 242, 199

156, 242, 183

132, 242, 166

108, 242, 149

84, 242, 132

60, 242, 116

35, 242, 99

11, 242, 82

229, 242, 233

253, 242, 250

255, 242, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

236, 241, 228

229, 242, 233

224, 243, 239

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

229, 242, 233

233, 239, 251

253, 235, 232

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

229, 242, 233

242, 229, 238

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

252, 235, 238

229, 242, 233

241, 237, 249

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

229, 242, 233

227, 241, 250

248, 235, 244

249, 236, 227

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

229, 242, 233

223, 242, 244

248, 235, 244

253, 235, 234

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

229, 242, 233

250, 255, 251

238, 242, 229

125, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

229, 242, 233

240, 255, 244

229, 242, 239

111, 120, 114

0, 184, 56

0, 56, 17

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

242, 229, 238

255, 240, 250

242, 229, 232

120, 111, 117

184, 0, 127

56, 0, 39

Previews

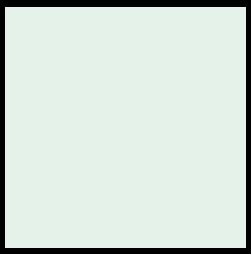
White Background

This preview shows how the RGB color 229, 242, 233 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



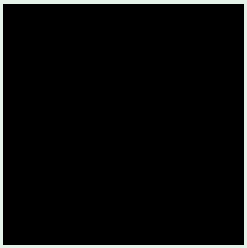
This preview shows how the RGB color 229, 242, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 229, 242, 233 Background



This preview shows how black text looks on a background with the RGB color 229, 242, 233.

This preview shows how white text looks on a background with the RGB color 229, 242, 233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
229, 242, 233

Protanopia
245, 237, 230

Deuteranopia
255, 233, 236

Tritanopia
234, 238, 255

Trichromacy

Original Color
229, 242, 233

Protanomaly
239, 239, 231

Deuteranomaly
246, 236, 235

Tritanomaly
232, 239, 247

Monochromacy

Original Color
229, 242, 233

Achromatopsia
237, 237, 237

Achromatomaly
234, 239, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 242, 233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(229, 242, 233) looks like.

```
.text, #text, p{
    color:rgb(229, 242, 233)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(229, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 233) }
```

Border

The CSS property to change the border of an element to RGB 229, 242, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 242, 233) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(229, 242, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(229, 242, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 242, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 242, 233); box-shadow:4px 4px 4px 4px rgb(229, 242, 233) }
```

Background

The CSS property to change the background color of an element to RGB 229, 242, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(229, 242, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(229,
242, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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